



# ACC: Server/proxy monitoring by external Zabbix instance

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Feature requests:

 [ZBXNEXT-401](#) - dumping server internal stats to commandline OPEN

 [ZBXNEXT-1945](#) - Expose Zabbix queue information from the frontend over the API CLOSED

Possible solutions: [Server/proxy monitoring by external Zabbix instance](#)

1.0

The document is ready to be reviewed by spec team, partners and community members.

## Summary

We will produce the ability to monitor one instance of Zabbix by another one or any external tool. It is important for us because we need this feature in the Zabbix Cloud project to monitor user's Zabbix instances.

## Zabbix Acceptance

Functional:

1. Internal metrics of Zabbix Server/Proxy must be accessible by another instance of Zabbix
2. All existing internal metrics must be exposed
3. Metrics must be exposed by the protocol that is used for communication between the server and the frontend (port 10051)
4. New optional configuration parameter will have a list of IP/DNS/network masks from which retrieval of internal metrics is allowed (127.0.0.1 by default)
5. The format of metrics must be JSON
6. Zabbix Agent, Server and Proxy must be extended to be able to retrieve Zabbix internal metrics from external Zabbix Server
  - a. New agent metric must be added
  - b. New server/proxy internal metric must be added
  - c. New metrics will accept two parameters: DNS or IP address and optional port (10051 by default)
7. New official template must be created for remote monitoring of Zabbix Server stats

## Blog post

A blog post on [blog.zabbix.com](http://blog.zabbix.com) must be created that will explain how the functionality works and what benefits we may get out of it.

## Use Cases

1. Zabbix Cloud: monitoring of user's Zabbix Servers/Proxies
2. Supporters: monitoring of client's Zabbix Servers/Proxies
3. Other users: Zabbix isn't main monitoring system in an organization — they are using some 3rd-party system (e.g. umbrella monitoring) and they want to monitor Zabbix by it.

## Open Questions

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